

14 February 2013

Evaluated Products List - Degausser

EVALUATED PRODUCTS LIST – DEGAUSSER

INTRODUCTION

- 1. The EPL (Evaluated Products List)-*Degausser* specifies the current models of commercial equipment that satisfy NSA/CSS requirements for erasure of magnetic storage devices retaining any level of classified or sensitive data. Listing on the EPL-Degausser does not constitute endorsement of the product by the USG or NSA/CSS; it only states that the evaluated degausser has met the applicable NSA/CSS performance requirements. Neither does the listing guarantee continued performance; customers should have their equipment re-tested periodically according to the manufacturer's recommendations.
- 2. Magnetic storage devices are defined in this document by a magnetic property called *coercivity* in units of Oe (*Oersteds*). Degaussers listed in this document are rated by the coercivity of the magnetic storage devices they can securely erase (tape and disk storage devices). Tape storage devices are defined as any product that contains magnetic tape as the recording medium. Disk storage devices are defined as any product that contains a flexible or rigid disk as the recording medium. The correct use of these degaussers will ensure that any level of classified or sensitive data is irretrievable.
- 3. There are two categories of disk storage devices: Longitudinal (L) and Perpendicular (P). These names state how data is stored on a disk storage device and each requires different magnetic field configurations to erase them. See chart on page 11 for the years of manufacture and coercivities for the different technologies. Degaussers capable of erasing the latest technology tape and disk storage devices are colored green.
- 4. Degaussers cannot erase optical and solid state storage devices. There are also two products that resemble magnetic hard disk drives but require special consideration. The first is a hybrid magnetic/solid state disk drive containing a magnetic component inside the disk drive housing which can be erased by degaussers and a solid state component on the external circuit board which cannot be erased by degaussers. The second is a solid state disk drive containing solid state storage devices that cannot be erased by degaussers. Hybrid drives were first released in 2006 and solid state drives were first released in 2008.

NOTE: IN ADDITION TO DEGAUSSING, CERTAIN ADMINISTRATIVE PROCEDURES MAY BE REQUIRED BEFORE DEGAUSSED MAGNETIC STORAGE DEVICES MAY BE DECLASSIFIED. CONSULT YOUR SECURITY OR INFORMATION TECHNOLOGY OFFICER FOR GUIDANCE IN THIS REGARD.

5. Proper use of this equipment is necessary to prevent inadvertent disclosure of any level of classified or sensitive information. Any questions about equipment operations should be directed to the manufacturer. Questions regarding security requirements should be addressed to your Security or Information Technology Officer.

- 6. Included in this list is a NSA/CSS evaluated magnetic field verification device used to measure a degausser's magnetic field to verify proper degausser function.
- 7. Companies wishing to submit a product for evaluation or customers that have queries regarding magnetic storage device erasure and/or degaussers should contact:

National Security Agency

ATTN: LL43 Center for Storage Device Sanitization Research, Suite 6877

9800 Savage Road

Fort George G. Meade, MD 20755-6877 Voice 301.688.1053, E-mail mtc@nsa.gov

ELECTROMAGNETIC DEGAUSSER EQUIPMENT

8. Tabletop Degaussers: These are electromagnetic tabletop degaussers that provide automatic one pass operation for tape and disk storage device erasure (except where noted). On hard disk drives, all extraneous steel shielding materials (e.g., cabinets, casings, and mounting brackets), but not the hard disk assembly, must be removed before degaussing. The degaussers must be operated at their full magnetic field strength. Erasure of hard disk drives causes damage that prohibits their continued use.

NOTE: ADAPTORS MAY BE NECESSARY TO ACCOMMODATE THE VARIOUS SIZES OF STORAGE DEVICE PRODUCTS.

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554 www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com	Type I, 911-0000	350	Not Tested
Data Security, Inc.	Type II-A, 930-0000	1000	Not Tested
Data Security, Inc.	Type III, 943-0001	1700	Not Tested
Data Security, Inc.	HD-5T	2800	L-5000 P-5000

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Garner Products, Inc. 10620 Industrial Avenue, Suite 100 Roseville, CA 95678 800.624.1903 916.784.0200	2700	350	Not Tested
Garner Products, Inc.	CF750	750	Not Tested
Garner Products, Inc.	TS-1	2800	L-5000 P-5000
Martin Yale Industries 251 Wedcor Avenue Wabash, IN 46992 www.intimus.com ATTN: Greg German 260.569.7226 greg.german@martinyale.com	INTIMUS 20 000	2800	L-5000 P-5000
VS and Associates 3160 Texas Hill Road Placerville, CA 95667 530.626.6924 ATTN: Linda Schiro linda.schiro@vssecurityproducts.com	SDD Master	2800	L-5000 P-5000

9. Standalone Degaussers: These are standalone electromagnetic degaussers that provide automatic one pass operation for tape and disk storage device erasure. On hard disk drives, all extraneous steel shielding materials (e.g., cabinets, casings, and mounting brackets), but not the hard disk assembly, must be removed before degaussing. The degaussers must be operated at their full magnetic field strength. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER / DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554 www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com	HD-6600	2800	L-4200
Data Security, Inc.	HD-1T	2800	L-5000 P-5000

PERMANENT MAGNET DEGAUSSER EQUIPMENT

10. Hand Degaussers: These are hand held permanent magnet degaussers. To degauss disk storage devices, wipe the degaussing wand onto each side of the disk platter so that the active magnetic portion of the degaussing wand completely covers the recording surface of the disk from hub to perimeter. Wipe at least three times always maintaining physical contact between the degaussing wand and the disk platter. If disks are part of a sealed hard disk drive assembly, they must be removed for degaussing. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Applied Magnetics Laboratory, Inc. 1404 Bare Hills Rd. Baltimore, MD 21209 410.583.2100	AML-6KG	Not Tested	L-5000 P-5000
Proton Engineering, Inc. P.O. 1852 Palm City, FL 34991 772.223.1685 ATTN: William Olliges proton@bellsouth.net	1100	Not Tested	L-5000

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Whitaker Brothers Business Machines, Inc. 3 Taft Court Rockville, MD 20850 800.243.9226 301.354.3000 www.whitakerbrothers.com ATTN: Lauren Rossi	Datastroyer 102-DG	Not Tested	L-5000 P-5000
<u>lr@whitakerbrothers.com</u>			

11. Single Pass Slot Hand Degaussers: These are enclosed permanent magnet degaussers that provide automatic one pass operation for tape and disk storage device erasure. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER / DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Applied Magnetics Laboratory, Inc. 1404 Bare Hills Rd. Baltimore, MD 21209 410.583.2100	Magnastroyer AML-MS1	2150	L-750
Applied Magnetics Laboratory, Inc.	Magnastroyer AML-MS2	Not Tested	L-5000 P-5000
Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554 www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com	LE-1	Not Tested	L-5000 P-5000

Data Security, Inc. TE-1 2800 Not Tested NOTE: IN THIS DEGAUSSER ERASURE OF TAPE STORAGE DEVICES REQUIRES AN ADDITIONAL STEP FOR SECURE ERASURE; AFTER THE FIRST ERASURE PASS, REMOVE THE TAPE CARTRIDGE, ROTATE THE CARTRIDGE 90 DEGREES, REPLACE IN THE TRAY, AND ERASE A SECOND TIME.

12. Dual Pass Slot Hand Degaussers: These are enclosed permanent magnet degaussers that provide two pass operation for disk storage device erasure. To properly degauss disk storage devices, pass the disk through the entry slot, turn the disk 90 degrees

and slide the disk through the slot again. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Proton Engineering, Inc. P.O. Box 1852 Palm City, FL 34991 772.223.1685 ATTN: William Olliges proton@bellsouth.net	1090	Not Tested	L-750

13. Tabletop Degaussers: These are enclosed tabletop permanent magnet degaussers that provide automatic one pass operation for tape and disk storage device erasure. On hard disk drives, all extraneous steel shielding materials (e.g., cabinets, casings, and mounting brackets), but not the hard disk assembly, must be removed before degaussing. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554 www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com	HPM-1	2800	L-5000 P-5000
Data Security, Inc.	HPM-1A	2800	L-5000 P-5000
Data Security, Inc.	HPM-2	2800	L-5000 P-5000
Data Security, Inc.	HPM-4	2800	L-5000 P-5000
Data Security, Inc.	HPM-4E	2800	L-5000 P-5000

14. Conveyor Degaussers: These are enclosed permanent magnet degaussers that are continuous duty conveyor belt types and provide one pass erasure for tape and disk storage devices. On hard disk drives, all extraneous steel shielding materials (e.g.,

cabinets, casings, and mounting brackets), but not the hard disk assembly, must be removed before degaussing. Erasure of hard disk drives causes damage that prohibits their continued use.

MANUFACTURER/ DISTRIBUTOR	MODEL	TAPE (Oe)	DISK (Oe)
Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554 www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com	LM-4	2800	L-5000 P-5000
Data Security, Inc.	LM-4E	2800	L-5000 P-5000
Dexter Magnetic Technologies 400 Karin Lane Hicksville, NY 11801 908.668.4821 ATTN: Thomas Devaney	U5000	2800	L-5000 P-5000

DEGAUSSER MAGNETIC FIELD VERIFICATION DEVICE

Field CheckR

MANUFACTURER MODEL

Data Security, Inc. 729 Q Street Lincoln, NE 68508 402.434.5959 800.225.7554

www.datasecurityinc.com ATTN: Renee Schafer rschafer@telesis-inc.com

DEGAUSSERS NO LONGER MANUFACTURED

MANUFACTURER	MODEL	TAPE (Oe)	DISK (Oe)
Ampex Corporation	SE20	350	Not Tested
Ampex Corporation	SE750	750	Not Tested
Applied Magnetics Laboratory, Inc.	Data Muncher	Not Tested	L-350
Bell & Howell Company	TD-2903-4B	350	Not Tested

CMC Technology Corporation TD-800 350 Not Tested Computer Link Corporation CF750 750 Not Tested Computer Link Corporation 515 350 Not Tested Computer Link Corporation 520 350 Not Tested Computer Link Corporation 530 350 Not Tested Computer Link Corporation 540 350 Not Tested Data Security, Inc. Type III Po2000 750 L-1800 Data Security, Inc. <t< th=""><th>MANUFACTURER</th><th>MODEL</th><th>TAPE (Oe)</th><th>DISK (Oe)</th></t<>	MANUFACTURER	MODEL	TAPE (Oe)	DISK (Oe)
Computer Link Corporation 515 350 Not Tested Computer Link Corporation 520 350 Not Tested Computer Link Corporation 530 350 Not Tested Computer Link Corporation 540 350 Not Tested Computer Link Corporation 540 350 Not Tested Consolidated Electrodynamics TD-2903-4A 350 Not Tested Data Devices International Cambrian 350 Not Tested Data Security, Inc. APM-10 2800 L-5000 Data Security, Inc. Type HD-2000 750 L-1500 Data Security, Inc. Type HD-3000 750 L-1800 Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 900-0001 750 L-1800 Data Security, Inc. Type II, 900-0001 750 L-1800 Data Security, Inc. Type II, 902-0001 750 L-1800 Data Se	CMC Technology Corporation	TD-800	350	Not Tested
Computer Link Corporation 520 350 Not Tested Computer Link Corporation 530 350 Not Tested Computer Link Corporation 538 350 Not Tested Computer Link Corporation 540 350 Not Tested Consolidated Electrodynamics TD-2903-4A 350 Not Tested Data Devices International Cambrian 350 Not Tested Data Security, Inc. APM-10 2800 L-5000 P-5000 P-5000 P-5000 P-5000 Data Security, Inc. Type HD-2000 750 L-1800 Data Security, Inc. Type HD-3000 750 L-1800 Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 900-0001 750 L-1800 Datatape, Incorporated HDD-2000 750 L-1800 Datatape, Incorporated TD-1700 1700 Not Tested Datatape, Incorporated	Computer Link Corporation	CF750	750	Not Tested
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Computer Link Corporation 540 350 Not Tested Consolidated Electrodynamics TD-2903-4A 350 Not Tested Data Devices International Cambrian 350 Not Tested Data Security, Inc. APM-10 2800 L-5000 P-5000 P-5000 P-5000 Data Security, Inc. Type HD-2000 750 L-1800 Data Security, Inc. Type HD-3000 750 L-1800 Data Security, Inc. Type II, 900-0001 750 L-1800 Data Security, Inc. Type II, 902-0001 750 L-1800 Datatape, Incorporated HDD-2000 750 L-1800 Datatape, Incorporated TD-1700 1700 Not Tested Datatape, Incorporated TD-500 350 Not Tested Datatape, Incorporated TD-750	Computer Link Corporation	538	350	Not Tested
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Data Devices International Cambrian 350 Not Tested Data Security, Inc. APM-10 2800 L-5000 Data Security, Inc. Type HD-2000 750 L-1500 940-0001 940-0001 Type HD-3000 750 L-1800 Data Security, Inc. HD-6000 2500 L-3800 Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 902-0001 750 L-1800 Datatape, Incorporated HDD-2000 750 L-1800 Datatape, Incorporated TD-1700 750 L-1800 Datatape, Incorporated TD-1700 1700 Not Tested Datatape, Incorporated TD-350 350 Not Tested Datatape, Incorporated TD-500 350 Not Tested Datatape, Incorporated TD-900 900 L-1800 Datatape, Incorporated TD-900 900 L-1800 Electro-Matic Products Company 2PTFB15-17 350 Not Tested Electro-Matic Products		TD-2903-4A	350	Not Tested
Data Security, Inc.	Data Devices International	Cambrian	350	Not Tested
Data Security, Inc.	Data Security, Inc.	APM-10	2800	L-5000
Data Security, Inc.				P-5000
Data Security, Inc. Type HD-3000 905-0001 750 L-1800 Data Security, Inc. HD-6000 2500 L-3800 Data Security, Inc. Type II, 900-0001 750 Not Tested Data Security, Inc. Type II, 902-0001 750 L-1800 Datatape, Incorporated HDD-2000 750 L-1500 Datatape, Incorporated TD-1700 1700 Not Tested Datatape, Incorporated TD-2903-4B 350 Not Tested Datatape, Incorporated TD-350 350 Not Tested Datatape, Incorporated TD-500 350 Not Tested Datatape, Incorporated TD-900 900 L-1800 Datatape, Incorporated TD-900 900 L-1800 Electro-Matic Products Company 2PTFB15-17 350 Not Tested Electro-Matic Products Company 2PTFB15-18 350 Not Tested Electro-Matic Products Company 2PTFB15-113 350 Not Tested Garner Products, Inc. REM-1400NSA 2800 L-5000	Data Security, Inc.	Type HD-2000	750	L-1500
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Datatape, IncorporatedTD-900900L-1800Electro-Matic Products Company2PTFB15-17350Not TestedElectro-Matic Products Company2PTFB15-18350Not TestedElectro-Matic Products Company2PTFB15-113350Not TestedElectro-Matic Products CompanyHE15FB-4750Not TestedGarner Products, Inc.REM-1400NSA2800L-5000General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Datatape, Incorporated	TD-500	350	Not Tested
Electro-Matic Products Company2PTFB15-17350Not TestedElectro-Matic Products Company2PTFB15-18350Not TestedElectro-Matic Products Company2PTFB15-113350Not TestedElectro-Matic Products CompanyHE15FB-4750Not TestedGarner Products, Inc.REM-1400NSA2800L-5000General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Datatape, Incorporated	TD-750	750	L-1800
Electro-Matic Products Company2PTFB15-18350Not TestedElectro-Matic Products Company2PTFB15-113350Not TestedElectro-Matic Products CompanyHE15FB-4750Not TestedGarner Products, Inc.REM-1400NSA2800L-5000General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Datatape, Incorporated	TD-900	900	L-1800
Electro-Matic Products Company2PTFB15-113350Not TestedElectro-Matic Products CompanyHE15FB-4750Not TestedGarner Products, Inc.REM-1400NSA2800L-5000 P-5000General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Electro-Matic Products Company	2PTFB15-17	350	Not Tested
Electro-Matic Products CompanyHE15FB-4750Not TestedGarner Products, Inc.REM-1400NSA2800L-5000 P-5000General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Electro-Matic Products Company	2PTFB15-18	350	Not Tested
Garner Products, Inc. REM-1400NSA 2800 L-5000 P-5000 General Kinetics Incorporated K80 350 Not Tested General Kinetics Incorporated K90 350 Not Tested Hewlett Packard Company 3603A 350 Not Tested Integra Technologies Corporation D530 Integra Technologies Corporation D538 Integra Technologies Corporation D538-II 750 Not Tested Integra Technologies Corporation D538-II 750 Not Tested Integra Technologies Corporation D540 350 Not Tested	Electro-Matic Products Company	2PTFB15-113	350	Not Tested
General Kinetics Incorporated K80 350 Not Tested General Kinetics Incorporated K90 350 Not Tested Hewlett Packard Company 3603A 350 Not Tested Integra Technologies Corporation D530 350 Not Tested Integra Technologies Corporation D538 350 Not Tested Integra Technologies Corporation D538 350 Not Tested Integra Technologies Corporation D538-II 750 Not Tested Integra Technologies Corporation D540 350 Not Tested	Electro-Matic Products Company	HE15FB-4	750	Not Tested
General Kinetics IncorporatedK80350Not TestedGeneral Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Garner Products, Inc.	REM-1400NSA	2800	L-5000
General Kinetics IncorporatedK90350Not TestedHewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested				P-5000
Hewlett Packard Company3603A350Not TestedIntegra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	General Kinetics Incorporated	K80	350	Not Tested
Integra Technologies CorporationD530350Not TestedIntegra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	General Kinetics Incorporated	K90	350	Not Tested
Integra Technologies CorporationD538350Not TestedIntegra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Hewlett Packard Company	3603A	350	Not Tested
Integra Technologies CorporationD538-II750Not TestedIntegra Technologies CorporationD540350Not Tested	Integra Technologies Corporation	D530	350	Not Tested
Integra Technologies Corporation D540 350 Not Tested	Integra Technologies Corporation	D538	350	Not Tested
0 1	Integra Technologies Corporation	D538-II	750	Not Tested
Integra Technologies Corporation 1600-F4 Not Tested 1-350	Integra Technologies Corporation	D540	350	Not Tested
	Integra Technologies Corporation	I600-F4	Not Tested	L-350
IXI, Incorporated 5661C 350 L-2200	IXI, Incorporated	5661C	350	L-2200
J.C. Nickels, Incorporated 1084 Bit Scrubber Not Tested L-350	J.C. Nickels, Incorporated	1084 Bit Scrubber	Not Tested	L-350
KYBE Corporation 1100 350 Not Tested	1	1100	350	Not Tested
Metrum-Datatape HDD-2000 750 L-1500	1	HDD-2000		
Metrum-Datatape TD-1700 1700 Not Tested	*			

MANUFACTURER	MODEL	TAPE (Oe)	DISK (Oe)
Metrum-Datatape	TD-350	350	Not Tested
Metrum-Datatape	TD-750	750	L-1800
Metrum-Datatape	TD-900	900	L-1800
Precision Methods, Incorporated	2000	Not Tested	L-350
Proton Engineering, Inc.	1084	Not Tested	L-350
Red River Computer	ME-RRC3	2800	L-5000 P-5000
Red River Computer	ME-RRC3M	2800	L-5000 P-5000
Rimage Corporation	5661C	350	L-2200
Security Engineered Machinery/	ME-P3	2800	L-5000 P-5000
Toshiba			
Security Engineered Machinery/	ME-P3R	2800	L-5000 P-5000
Toshiba			
Security Engineered Machinery/	ME-P3E	2800	L-5000 P-5000
Toshiba			
Security Engineered Machinery/	ME-P3M	2800	L-5000 P-5000
Toshiba			

DEFINITIONS

- 15. Coercivity The field strength required to bring the flux density to zero in a magnetic material.
- 16. Degausser An electrical device or permanent magnet assembly which generates a magnetic force for the purpose of degaussing magnetic storage devices.
- 17. Degaussing Returning the magnetization of a magnetic storage device to a zero state by applying a reverse magnetizing force.
 - 18. Oersted (Oe) A unit of magnetic field strength.

COERCIVITIES

Magnetic Storage Device	Oe
9-Track Reel-to-Reel Computer tape	300
TK50, TK70	350
3480, 3490E	520
SLR1, SLR2, TR-1, DC2120, DC6150, DC6525	550
SLR3, SLR4, SLR5, TR-3, DC9100, DC9120, ID-1, SLR24, SLR32, TR-4,	900
ADR30, ADR50, ADR2-120	
Mammoth 8mm, AIT-1 8mm, VXA-1 8mm	1320
M2 Mammoth2 8mm, VXA-2 8mm 230m	1350
AIT-2 8mm	1380
AIT-3 8mm, AIT-4 8mm, S-AIT-1 1/2"	1400
Redwood SD-3	1515

Magnetic Storage Device	Oe
DLTtape III, DLTtape IIIXT	1540
DD-2 19mm	1550
DTF-1	1579
DDS1: 4mm60m, 4mm90m	1590
D8: 8mm 112m, 8mm 160m	1600
MagstarMP: 3570-B, 3570-C, 3570-C/XL, Magstar: 3590, 3590-E, STK-9840,	1625
STK-T9940	
TR-5, SLR40, SLR50, SLR60, SLR100, TR-7 (Travan 40 GB), SLR75, SLR140	1650
DDS2 4mm 120m	1750
DLTtape IV, DLTtape VS1, NCTP, DD-2QD (Quad Density) 19mm, LTO-	1850
Ultrium1	
SuperDLTtape1	1900
LTO-Ultrium2	2150
DDS3 4mm 125m	2250
DTF-2	2300
DDS4 4mm 150m, DAT-72 4mm 170m	2350
Enterprise 3592, STK-T10000 (T10K)	2500
Super DLTtape II	2600
DLTtape S4, LTO-Ultrium3	2650
LTO-4	2800
LTO-5	2800
5 ¼" 360KB DD Minidisk	300
3.5" 720KB DD Microdisk, 5 1/4" 1.2MB HD Minidisk	650
3.5" 1.44MB HD Microdisk	720
SuperDisk 120MB	1500
Zip 100 MB Disk	1550
Zip 250 MB Disk, Zip 750 MB Disk	2250

